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March 31, 2004  
Date

Kay Bulen  
Signature

Kay Bulen  
Printed Name

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants: Maccabee et al.

Application No.: 10/658,962

Filed: September 8, 2003

For: EFFECT OF VITAMIN A GEL ON PARANASAL SINUS MUCOSAL  
REGENERATION

Examiner:

Art Unit: 1614

Docket No.: 49321-102

Date: March 31, 2004

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT**

Sir:

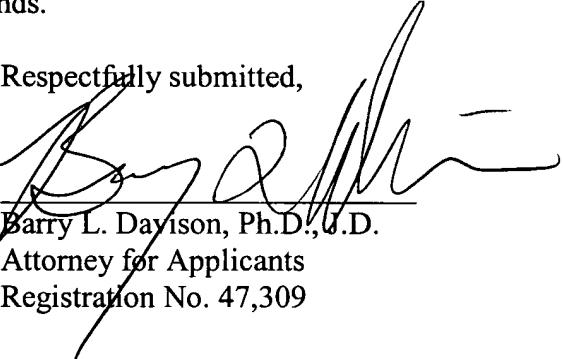
Pursuant to the obligation recited in 37 C.F.R. § 1.56 and in conformance with 37 C.F.R. §§ 1.97-1.98, Applicants request consideration of this Information Disclosure Statement in prosecution of this application. Pursuant to 37 C.F.R. § 1.97(b), no fee or certification is required because this Statement is filed within three months of the 371 filing date of the application or before the mailing date of a first Office Action on the merits, whichever event occurs last.

Applicants cite 11 references listed on the attached form PTO-1449. The order of these references should not be construed to suggest their relative pertinence. Some or all of these references came to the Applicants' attention in an International Search Report received in a

related international application, a copy of which is also attached. The Examiner is encouraged to review the entire disclosure of each reference in order to draw his or her own conclusions concerning the pertinence of the references to the claimed subject matter of this application. The filing of this Information Disclosure Statement should not be construed to suggest that a patentability search has been made or that the cited references are prior art or are considered to be material to patentability.

Applicants have included copies of all non-US cited documents (except for O2, an article in the German language). Applicants are attempting to obtain a copy of the abstract for the citation and will provide it when it comes into our hands.

Respectfully submitted,



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PTO/SB/08A (05-03)

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Substitute for form 1449/PTO		<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(Use as many sheets as necessary)</i>			
Application Number	10/658,962		
Filing Date	9/8/03		
First Named Inventor	Maccabee		
Art Unit	1614		
Examiner Name			
Sheet	of		Attorney Docket Number
			49321-102

## U.S. PATENT DOCUMENTS

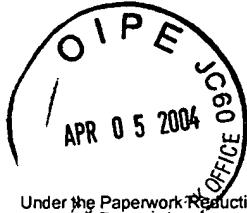
## **FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
	F1	EP 0 848 949	06-24-1998	Gradinger F Hermes Pharma		
	F2	EP 0 339 905	11-02-1989	Ethicon Inc.		
	F3	FR 2 627 386	08-25-1989	Liotet Serv; Int Pharmaceutical Con.		
	F4	DE 202 03 549	10-17-2002	Eckardt Rainer		
	F5	EP 0 552 624	07-28-1993	Hoffman La Roche		

Examiner Signature		Date Considered	
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<sup>1</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformation with MPEP 609. Draw line through citation if not in conformation and not considered. Include copy of this form with next communication to applicant. <sup>2</sup> Applicant's unique citation designation number (optional). <sup>3</sup> See Kinds of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04 <sup>4</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>5</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>6</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard St. 16 if possible. <sup>7</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR  
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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

				<b>Complete if Known</b>	
				Application Number	10/658,962
				Filing Date	September 8, 2003
				First Named Inventor	Maccabee
				Art Unit	1614
				Examiner Name	
Sheet	2	of	2	Attorney Docket Number	49321-102

### NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	O1	MACCABEE, M. et al., "Paranasal sinus mucosal regeneration: the effect of topical retinoic acid," American Journal of Rhinology, 17(3):133-137, 2003	
	O2	BIESALSKI, H.K. et al., "Vitamin A and ciliated cells. I. Respiratory epithelia" Zeitschrift für ernährungswissenschaft, 25: 114-122, 1986	
	O3	MACCABEE, M. et al., "Rhinogenic Mucosal Contact Headache: A case series and review of the literature. Presented at American Rhinological Society Meeting, September 8, 2001.	

Examiner Signature	Date Considered
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformation with MPEP 609. Draw line through citation if not in conformation and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

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